| | | | | | (Based on PTO 08-08 version) | |
|-----------------------------------------------|-----------------------------------|------|--------------|------------------------|------------------------------|--|
| Substitute for form 1449/PTO | | | | Complete if Known | | |
| Substitute for form 1448/PTO | | | | Application Number | 10/589,403 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Filing Date | May 4, 2007 | |
| | | | | First Named Inventor | Kengo MAEDA | |
| " | | J. 7 | ii i Liozati | Art Unit | 2816 | |
| | (Use as many sheets as necessary) | | | Examiner Name | D. E. Rojas | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 559502005300 | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------|-----------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|--|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ² (If known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| | 1. | US-5,221,863 | 06-22-1993 | Motegi | | |
| | 2. | US-6,181,184-B1 | 01-30-2001 | Yamazaki et al. | | |
| | 3. | US-2002/0043996-A1 | 04-18-2002 | Iwamoto | | |
| | 4. | US-6,417,706 | 07-2002 | Kondo | | |

| | | FOREI | GNPAIENI | DOCUMENTS | | _ |
|----------------|------|---------------------------------------------------------------------------------|---------------------|-----------------------------|---------------------------------------------------|---|
| Examiner | Cite | Foreign Patent Document | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages | |
| Initials* No.1 | No.' | Country Code ³ -Number ⁴ -Kind Code ⁵ (Fknown) | MM-DD-YYYY | Applicant of Cited Document | Or Relevant Figures Appear | 1 |
| | 5. | JP-11-55091-A | 02-26-1999 | Fujitsu et al. | Corresponds to | Г |
| | | | | | cite no. 2 | L |
| | 6. | JP-2002-124873-A | 04-26-2002 | Mitsubishi Electric Corp. | Translation of | Г |
| | | | | | abstract and | ı |
| | | | | | corresponds to | l |
| | l | | I | 1 | cite no. 3 | ı |

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| NON PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--|--|
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